

## **RESPONSE TO OFFICE ACTION**

ATTY DOCKET : RM.WSL  
APPLICANT(S) : Le Yi Wang; Hong Wang; and Gang George Yin  
SERIAL NO. : 10/561,074  
FILED : May 22, 2006

Examiner: Atia K. Syed

Art Unit: 4185  
Conf. No.: 1880

## **Annexure 2 - Specification Rewritten to Show Amendments**

Please amend the Specification as follows:

Page 6, lines 25 and 26, rewrite as follows:

Figs. 24a to 24c are graphical representations showing an Auto-Regression and Moving Average (“ARMA”) ARMA model of order 1;

Page 42, line 16, rewrite as follows:

The example plant platform is expressed by the Wiener system:

Page 42, paragraph beginning on line 26, rewrite as follows:

From [[the]] patient data ~~illustrated in Figure \ref{model}~~, the titration model is first extracted by an off-line method. The method eliminates the impact of surgical stimulation and drug impact from bolus injection, and produces a BIS response of the drug propofol titration on the patient as shown in Figs. 19a and 19b.

Page 43, line 8, rewrite as follows:

where  $e$  is ~~an i.i.d.~~ a Gaussian disturbance with zero mean and unit variance.

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Please amend the drawing in accordance with the following Replacement Sheets:

Twelve (12) Replacement Sheets Attached